

FIG. 1A

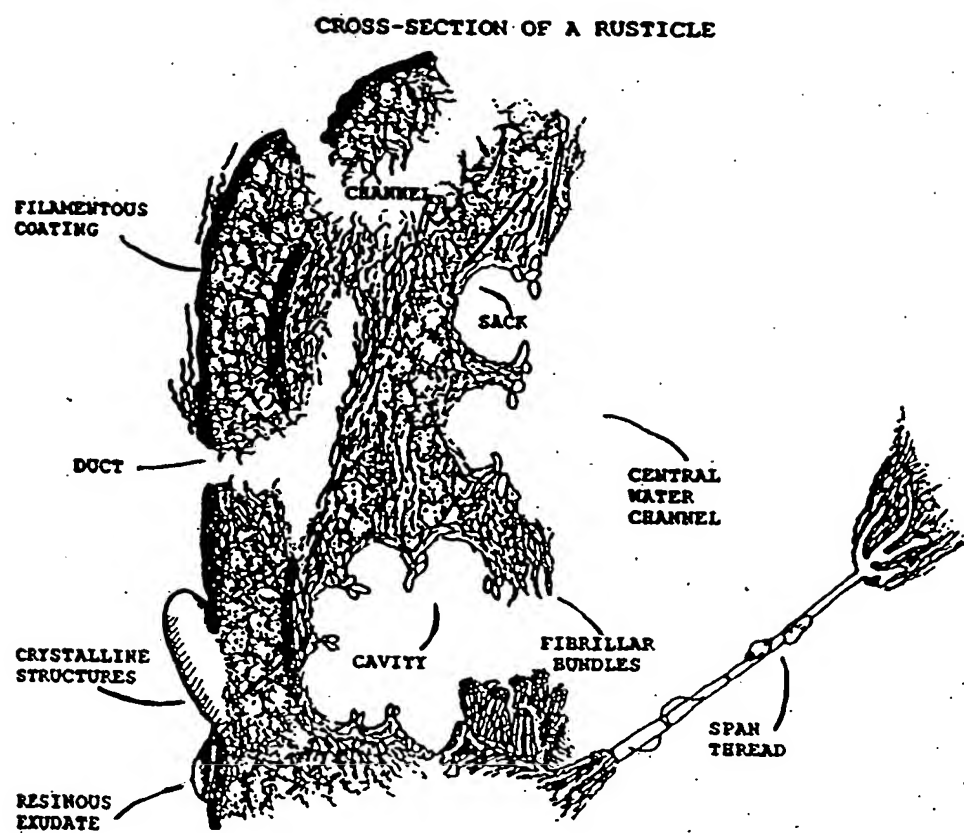


FIG. 1B

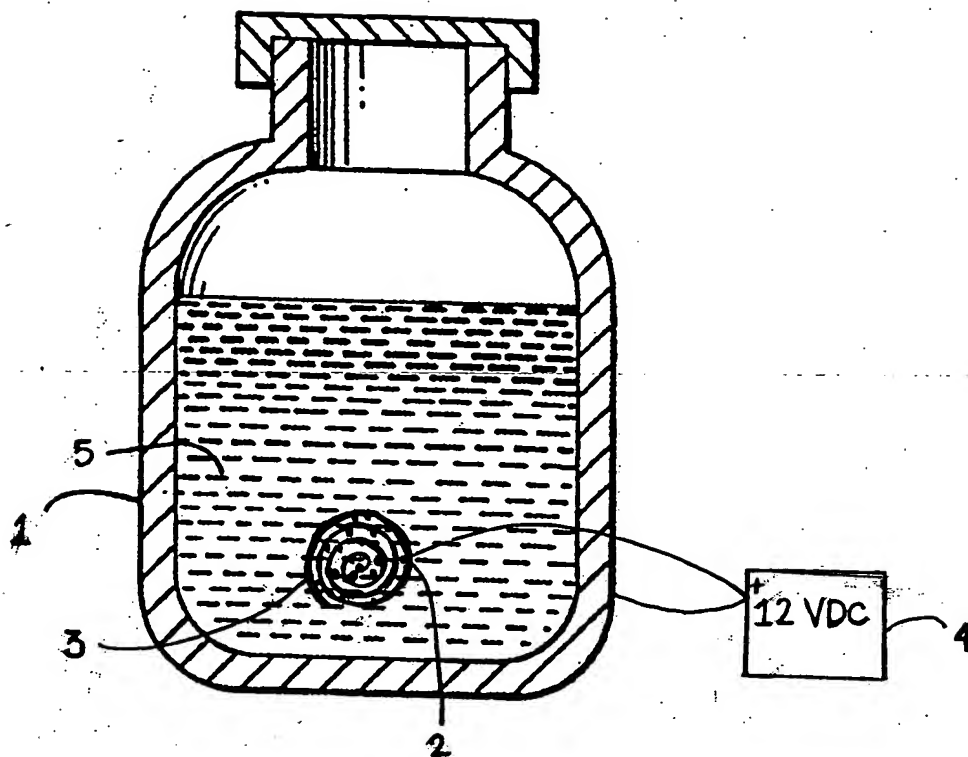


FIG. 2

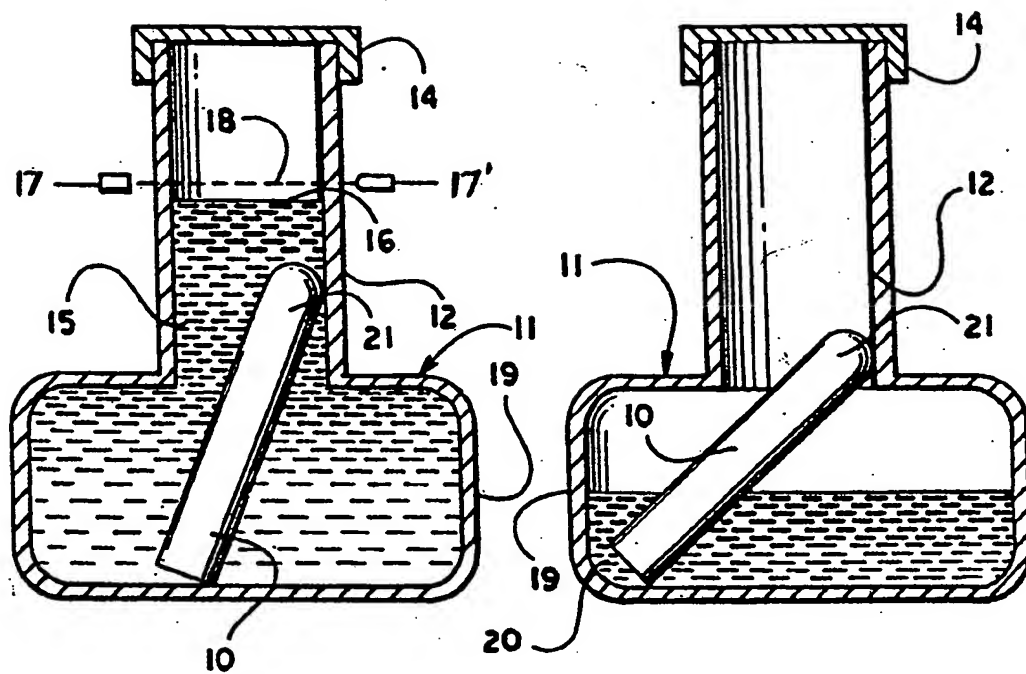
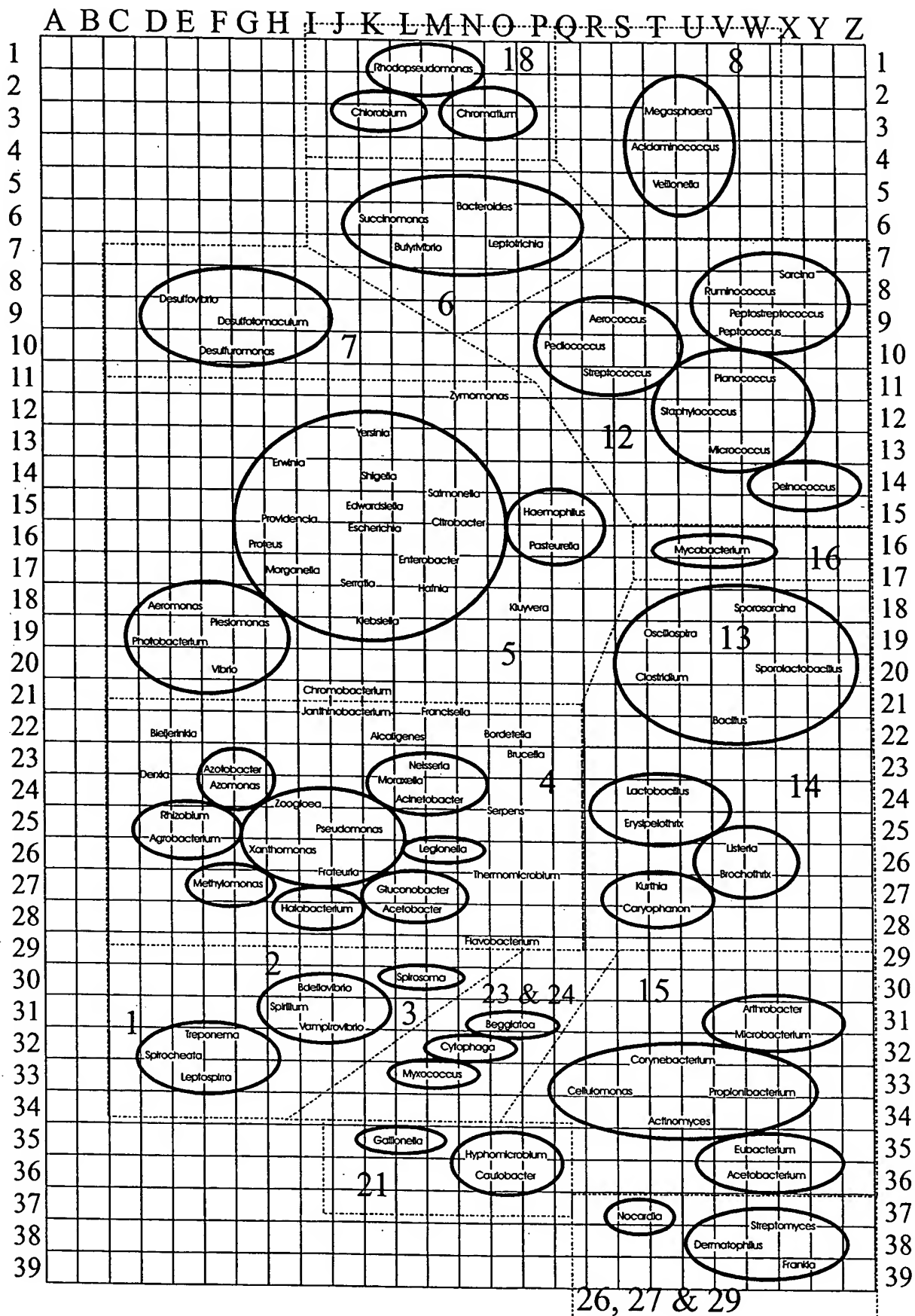


FIG. 3A

FIG. 3B



A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

FIG. 4A

**Fig. 4B– Provisional MCIC Designations**

<b>MCIC</b>	<b>Fig.</b>	<b>Consortium Name</b>	<b>Environment</b>
<b>F09-02</b>	<b>4C</b>	<b>Anaerobic SRB-BB</b>	<b>Reductive sulphur, water saturated</b>
<b>F09-10</b>	<b>4D</b>	<b>Aerobic SRB-BT</b>	<b>Oxidative sulphur, water saturated</b>
<b>F09-08</b>	<b>4E</b>	<b>Aerobic SRB-BT</b>	<b>High organic, transitional redox</b>
<b>K16-12</b>	<b>4F</b>	<b>Denitrifying bacteria</b>	<b>High nitrate reductive</b>
<b>K22-08</b>	<b>4G</b>	<b>Slime forming bacteria</b>	<b>High organic, saturated, low flow</b>
<b>L35-10</b>	<b>4H</b>	<b>Iron related bacteria</b>	<b>Oxidative, saturated, iron</b>
<b>J25-11</b>	<b>4I</b>	<b>Heterotrophic aerobic bacteria UP</b>	<b>Oxidative &amp; transitional redox, organic, saturated</b>
<b>L17-14</b>		<b>Heterotrophic bacteria DO</b>	<b>Transitional redox, organic, saturated</b>
<b>T34-04</b>		<b>Mycelial bacteria</b>	<b>Transitional redox, organic, semi-saturated</b>
<b>M35-03</b>		<b>Iron bacteria</b>	<b>Oxidative, saturated, iron, low flow</b>
<b>L22-12</b>		<b>Black plug layer</b>	<b>Transitional and reductive redox, saturated or semi-saturated, porous</b>

Note: Consortial name is defined by commonly accepted terminology. Environment is differentiated by known major factors such as redox (ORP), levels of organics and the degree of saturation of the environment with water.

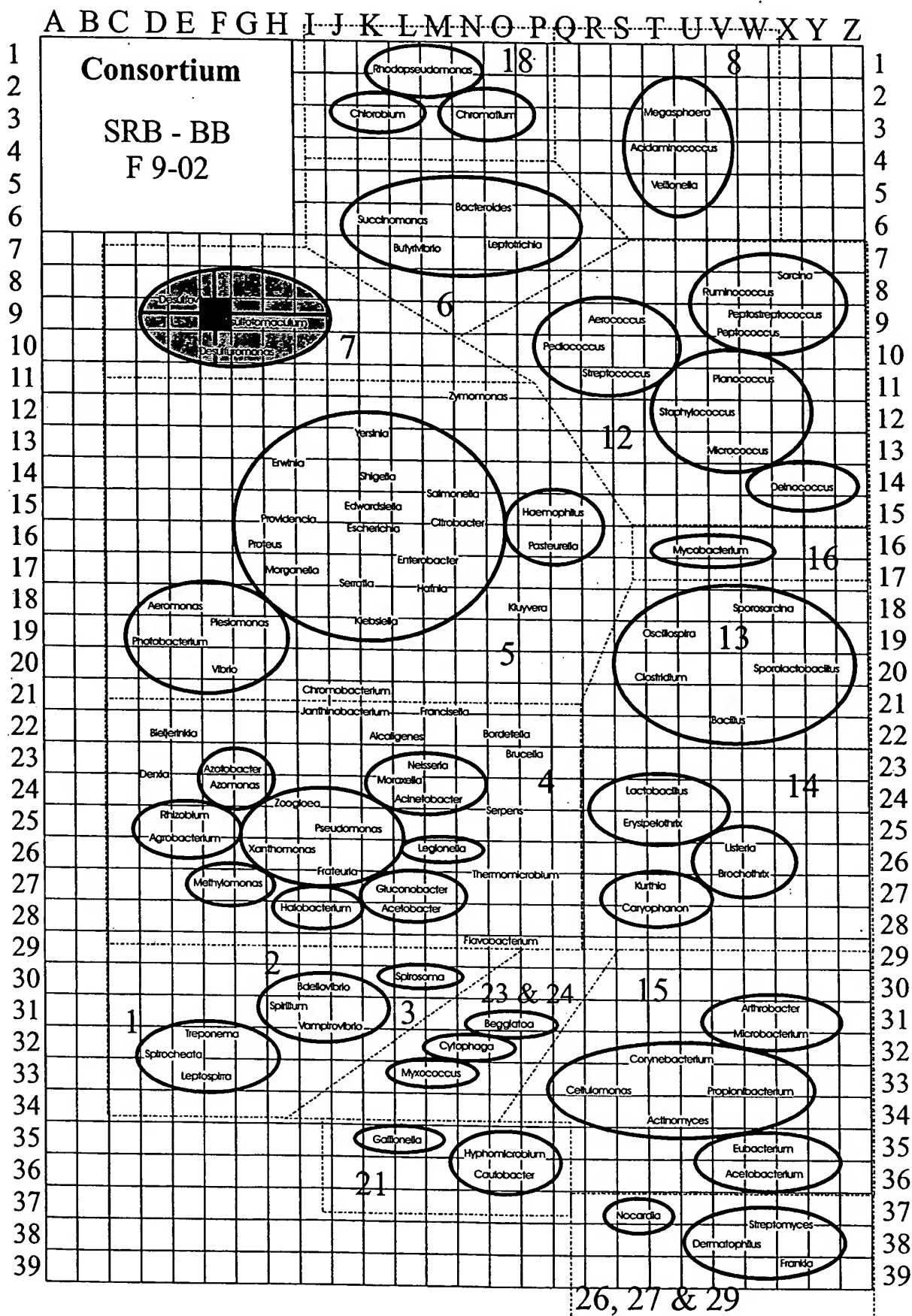


FIG. 4C

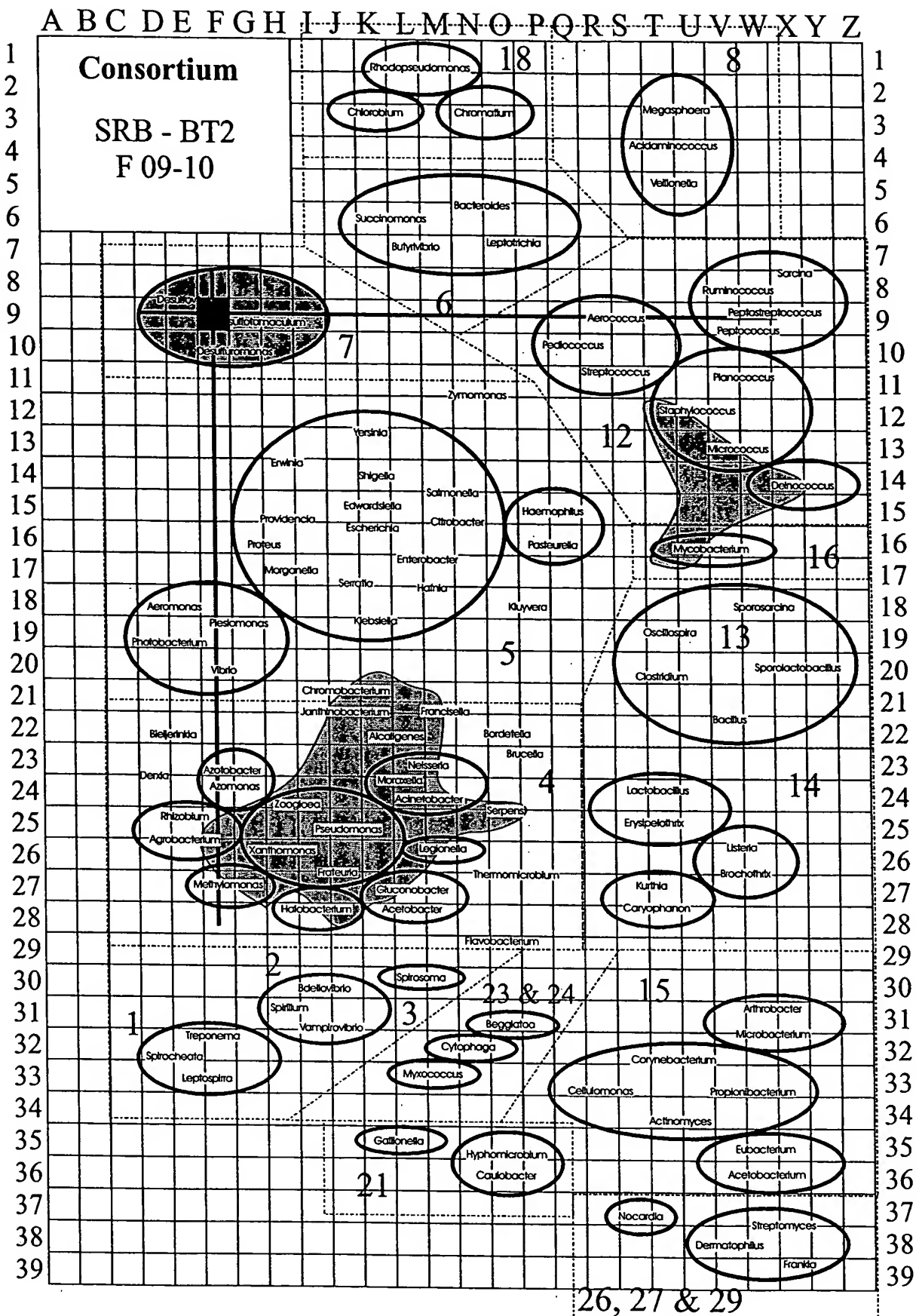


FIG. 4D

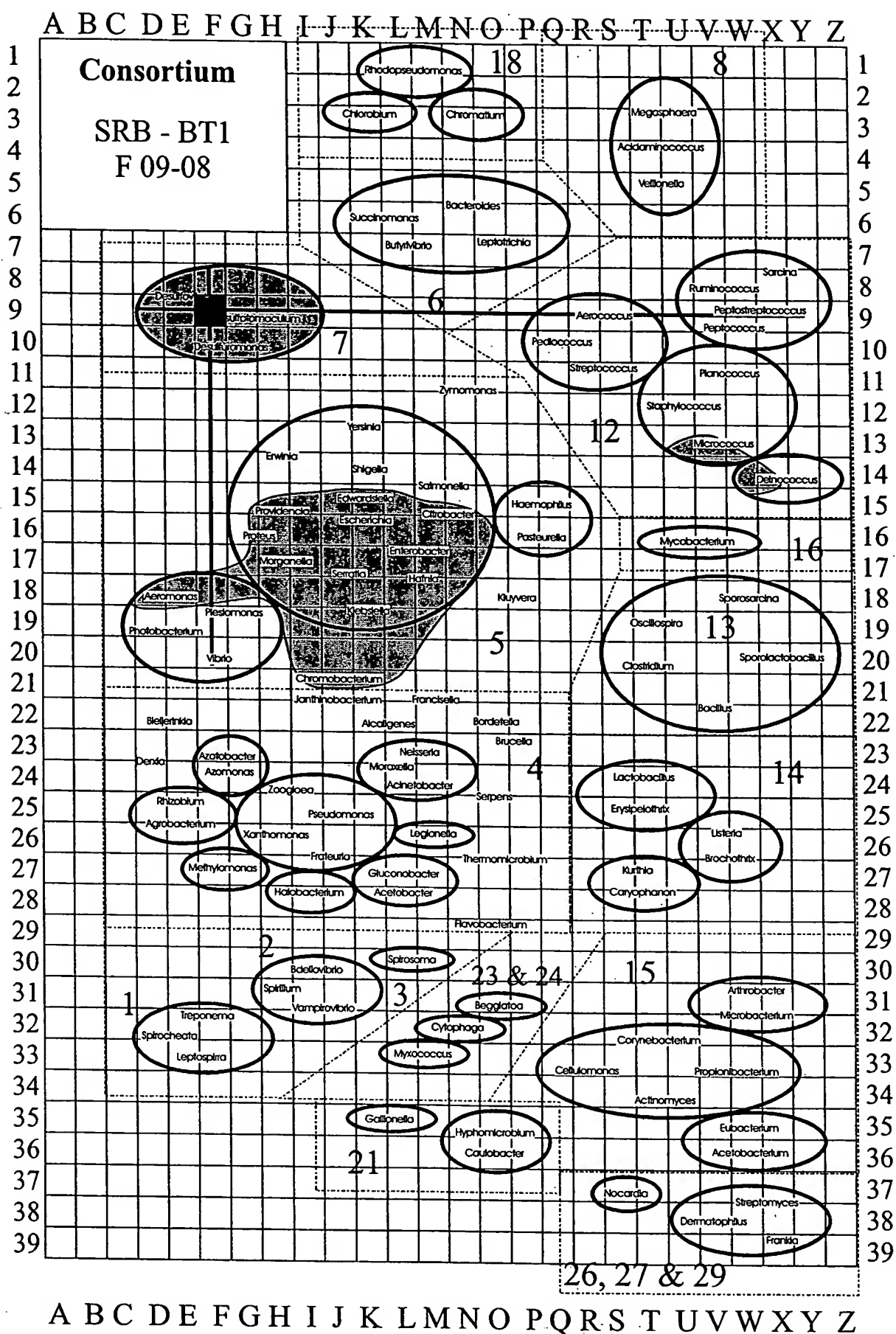
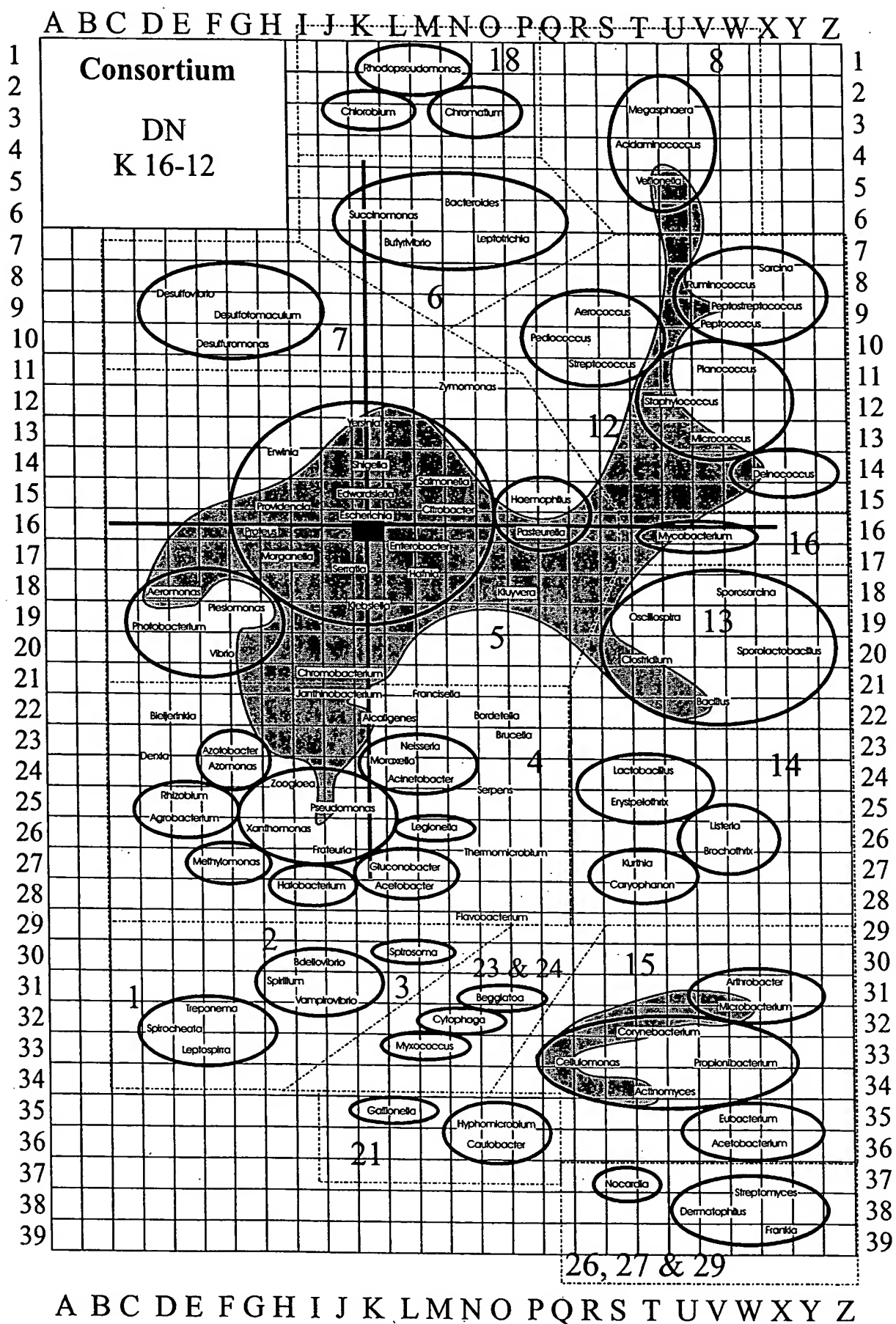


FIG. 4E





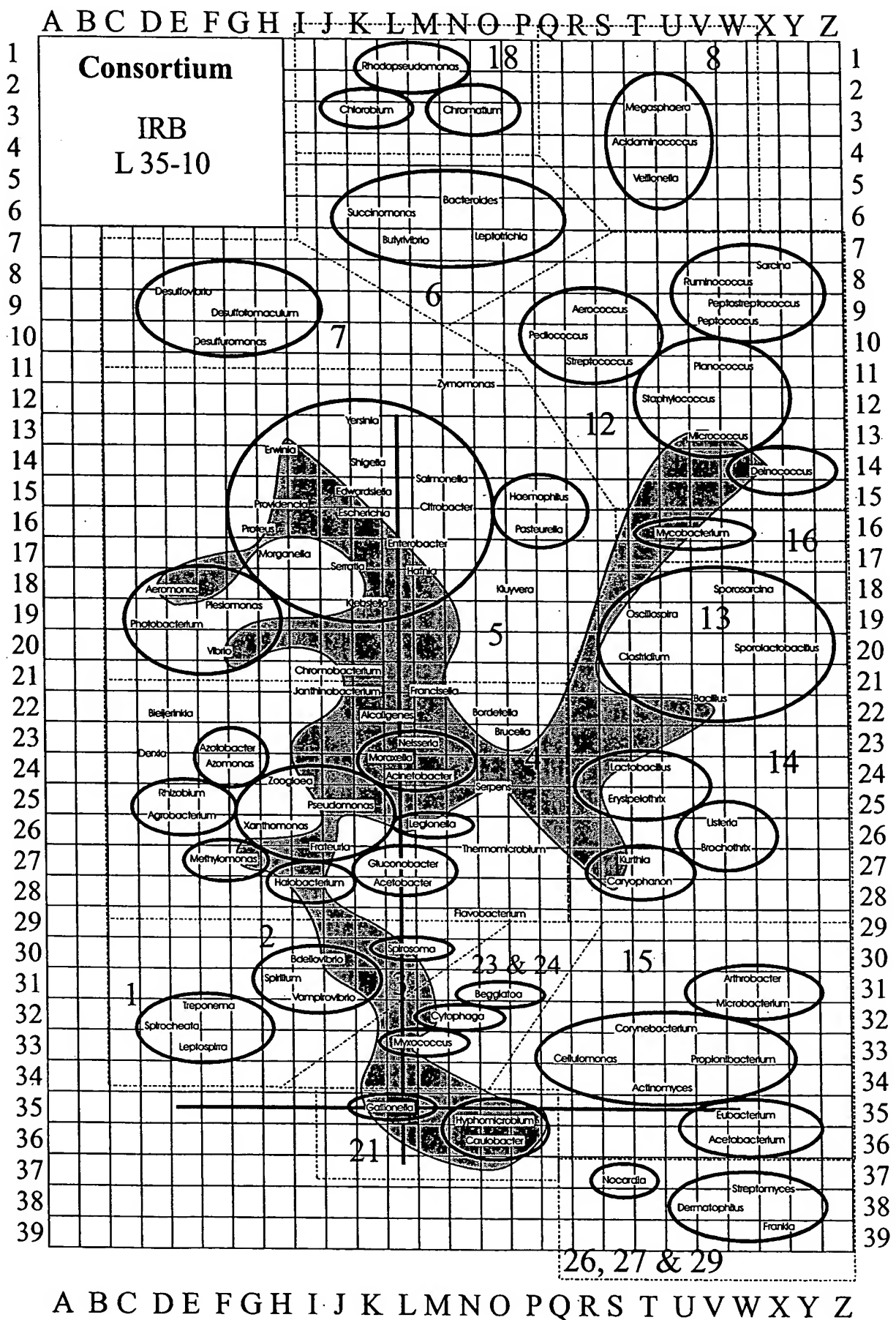


FIG. 4H

